

Page 5, line 6, after "Rho", delete "which is", insert--members of which are--.

Page 5, line 9, after "Terryn", delete "et al.", insert--*et al.*--.

Page 5, line 9, after "(1993)", delete "Plant Mol. Biol.", insert--*Plant Mol. Biol.*--.

Page 5, line 13, after "(1993)", delete "Proc. Natl. Acad. Sci.", insert--*Proc. Natl. Acad. Sci.*--.

Page 5, line 14, delete "USA", insert--*USA*--.

Page 6, line 6, after "(Adams)", delete "et al.", insert--*et al.*--.

Page 6, line 6, after "(1990)", delete "J Cell Biol", insert--*J. Cell Biol.*--.

Page 6, line 10, after "(Ridley", delete "et", insert--*et*--.

Page 6, line 11, delete "al.", insert--*al.*--.

Page 6, line 22, after "1984)", delete "Plant Physiol.", insert--*Plant Physiol.*--.

Page 6, line 23, after "1984)", delete "Int Rev of Cytol", insert--*Int. Rev. of Cytol.*--.

Page 6, line 26, after "microfibril", delete "alignments", insert--alignment--.

Page 7, line 1, after "1990)", delete "Protoplasma", insert--*Protoplasma*--.

Page 7, line 2, delete "Proceedings of the Cotton Fiber Cellulose Conference, National", insert-- *Proceedings of the Cotton Fiber Cellulose Conference, National*--.

Page 7, line 3, delete "Cotton Council of America", insert--*Cotton Council of America*--.

Page 7, line 3, after "Memphis", delete "RN", insert-- , TN--.

Page 7, line 8, after "et al. (", delete "Theor. Appl. Genet.", insert--*Theor. Appl. Genet.*--.

Page 7, line 9, after "694;", delete "Plant Cell Reports", insert--*Plant Cell Reports*--.

Page 7, line 25, after "protein", delete "homolog", insert--homologue--.

Page 9, line 10, after "Figure 1", insert--(SEQ ID NO: 2)--.

Page 9, line 10, after "sequence", insert--(SEQ ID NO: 1)--.

Page 9, line 11, after "4-4", insert--(SEQ ID NO: 3-SEQ ID NO: 6)--.

Page 9, line 13, after "clone", insert--(SEQ ID NO: 7)--.

Page 9, line 14, after "from", delete "4-4-6", insert--4-4(6)--.

Page 9, line 15, after "pCGN5610", insert--(SEQ ID NO: 11)--.

Page 9, line 16, after "Figure 4", insert--(SEQ ID NO: 13)--.

Page 9, line 16, after "sequence", insert--(SEQ ID NO: 12)--.

Page 9, line 16, after "gene", insert--product (SEQ ID NO: 14)--.

Page 9, line 19, after "gene", insert--(SEQ ID NO: 15)--.

Page 9, after line 20, insert

7A-7B  
--Figures 7 (SEQ ID NO: 17) shows the sequence of the Ltp promoter region from a cotton fiber specific lipid transfer protein gene (SEQ ID NO: 16) and the cotton fiber specific lipid transfer protein (SEQ ID NO: 18) encoded by the gene.

Ms. D2  
Figure 8 shows the arrangement of binary vectors, pCGN5148 and pCGN5616 for plant transformation to express genes for melanin synthesis and indigo synthesis, respectively.

Figure 9 provides the results of color measurements taken from fibers of the control Coker 130 cotton used in transformation using color constructs.

Figure 10 shows the results of measurements made of color of plants transformed by the pCGN5148 construct to express genes for melanin synthesis.

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Figure 11 shows the results of measurements taken of the color of plants transformed by the pCGN5149 construct to express genes for melanin synthesis.

Figure 12 shows the results of measurements made of color of plants transformed to express genes for indigo synthesis using construct pCGN5616.

Figure 13 shows control measurements made of naturally colored cotton plants which are produced by non-transgenic colored cotton plants.--.

Page 12, line 24, after "Backmore," delete "The Facts on File", insert--*The Facts on File*--.

Page 12, line 25, delete "Dictionary of Botany", insert--*Dictionary of Botany*--.

Page 16, line 13, after "in", delete "Science", insert--*Science*--.

Page 16, line 15, after "of", delete "Pseudomonas putida", insert--*Pseudomonas putida*--.

Page 16, line 15, after "et al.", delete "Gene", insert--*Gene*--.

Page 16, line 21, after "the", delete "copending", insert--co-pending--.

Page 18, line 9, after "also", delete "copending", insert--co-pending--.

Page 18, line 11, after "and", delete "copending", insert--co-pending--.

Page 19, line 2, after "carboxy", insert--.

Page 19, line 6, after "vacuolar", delete "targetting", insert--targeting--.

Page 19, line 7, after "et al.," delete "Cell", insert--*Cell*--.

Page 19, line 27, after "et al.," delete "Plant Biotechnology Series", insert--*Plant*

*Biotechnology Series--.*

Page 20, line 1, delete "Developmental Regulation of Plant Gene Expression", insert--  
*Developmental Regulation of Plant Gene Expression--.*

Page 20, line 6, delete "Nucl. Acids", insert--*Nucl. Acids--.*

Page 20, line 7, delete "Res.", insert--*Res.--.*

Page 20, line 7, after "Paz-Ares *et*", delete "al.", insert--*al.--.*

Page 20, line 8, after "1987)", delete "EMBO", insert--*EMBO--.*

Page 20, line 8, after "1992)", delete "Science", insert--*Science--.*

Page 20, line 22, after "not", delete "targetted", insert--targeted--.

Page 21, line 9, after "in", delete "copending", insert--co-pending--.

Page 23, line 27, after "-381", delete ")", insert--.

Page 24, line 8, after "in", delete "copending", insert--co-pending--.

Page 25, line 5, after "In:", delete "The Binary Plant Vector", insert--*The Binary Plant Vector--.*

Page 25, line 6, delete "System Offset-drukkerij", insert--*System* (1985) Offset-drukkerij-

Page 25, line 6, after "Alblasserdam," delete "1985,"

Page 25, line 8, after "In:", delete "Molecular Genetics of the Bacteria-Plant", insert--  
*Molecular Genetics of the Bacteria-Plant--.*

Page 25, line 9, delete "Interaction", insert--*Interaction--.*

Page 25, line 23, after "be", delete "relatively stably", insert--integrated in a relatively  
stable manner--.

Page 25, line 24, delete "integrated".

Page 27, line 26, delete "preanthesis", insert--pre-anthesis--.

Page 27, line 27, after "day", delete "postanthesis", insert--post-anthesis--.

Page 28, line 15, after "1988)", delete "Plant Mol Biol Reporter", insert--*Plant Mol. Biol. Reporter--.*

Page 28, line 17, delete "Proc Natl Acad Sci USA", insert--*Proc. Natl. Acad. Sci. USA--.*

Page 29, line 6, after "20", delete "mls", insert-- ml--.

Page 29, line 6, after "NaOH", delete "ph", insert--pH --.

Page 29, line 10, after "7.0", delete "mls", insert--ml--.  
 Page 29, line 15, after "15", delete "mls", insert--ml--.  
 Page 30, line 17, after "(Figure 4)", insert--(SEQ ID NO: 12)--.  
 Page 31, line 7, after "Figure 1", insert--(SEQ ID NO: 1)--.  
 Page 31, line 26, after "Figure 4", insert--(SEQ ID NO: 13)--.  
 Page 31, line 26, after "DNA", insert--(SEQ ID NO: 12)--.  
 Page 31, line 26, after "acid", insert--(SEQ ID NO: 14)--.  
 Page 34, line 6, after "2)", insert--(SEQ ID NO: 7)--.  
 Page 34, line 15, delete "described in my notebook as".  
 Page 34, line 15, after "4-4(6).", delete "P462003".  
 Page 34, line 16, delete "page 18 and following."  
 Page 34, line 19, after "ORF", insert--(see SEQ ID NO: 8-10)--.  
 Page 35, line 26, after "clone", delete "is".  
 Page 35, line 27, delete "described in my notebook as", insert--was designated--.  
 Page 37, line 6, after "identified.", delete "Theis", insert--This--.  
 Page 37, line 15, after "removed.", delete "Religation", insert--Re-ligation--.  
 Page 37, line 17, after "region.", delete "Religation", insert--Re-ligation--.  
 Page 37, line 21, after "with", delete "EcooR1", insert--EcoR1--.  
 Page 37, line 24, after "with", delete "Nde!", insert--Nde1--.  
 Page 37, line 26, after "4731," delete "giveing", insert--giving--.  
 Page 37, line 27, after "Xba,", delete "ans", insert--and--.  
 Page 38, line 7, after "Figure 5", insert--(SEQ ID NO: 15)--.  
 Page 38, line 23, after "in", delete "copending", insert--co-pending--.  
 Page 38, line 27, after "the", delete "targetting", insert--targeting--.  
 Page 39, line 12, after "1/2 x", delete "B5", insert--B5--.  
 Page 39, line 16, delete "Cocultivation", insert--Co-cultivation--.  
 Page 39, line 23, after "et al.", delete 1985)", insert--(1985) Cold Spring Harb. Symp.

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Page 39, line 25, delete "CIM", insert--(CIM)--.

Page 39, line 26, after "salts:", delete "B5, insert--B5--.